

EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

Name of Operator:		
H.Q. Address: Co. Official: Phone No.: Fax No.: Emergency Phone No.: OPINS ID#:	Systrem/Unit Name and Address: Phone No.: Fax No.: Emergency Phone No.: Unit Record ID#: Activity Record ID#:	
Persons Interviewed	Titles	Phone No.
OPS Representative(s): _____ Date(s): _____		
Company System Maps (copies for Region Files): _____		
Comments: <div style="border: 1px solid black; height: 300px; margin-top: 5px;"></div>		

For hazardous liquid operator inspections, the attached evaluation form should be used in conjunction with 49 CFR 195 during OPS inspections.

EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

HVL PIPELINE TESTING SUMMARY		N/A	Yes	No
1.	Does the operator's pipelines transport HVLs ?			
2.	Have the HVL pipelines been tested in accordance with Subpart E of Part 195 ?			
	Required test completion dates as follows:			
	a. Onshore Interstate Lines in HVL service prior to 9/8/80 & constructed prior to 1/8/71.			
	1. 50% by 9/15/83			
	2. 100% by 9/15/85			
	b. Onshore Intrastate Lines in HVL service prior to 4/23/85 & constructed prior to 10/21/85.			
	1. 50% by 4/23/88			
	2. 100% by 4/23/90			
3.	Have HVL pipelines not tested by the dates specified in #2 above been converted subject to §195.5 ?			
4.	Have HVL pipelines not tested, in accordance with Subpart E of Part 195 , had their operating pressures reduced to:			
	a. 80% of the 4 hour, documented, test pressure?			
	b. 80% of the 4 hour, documented, operating pressure?			
	Required test completion dates as follows:			
	a. Onshore Interstate Lines constructed before 1/8/71 & in HVL service before 9/8/90, by 9/15/81 .			
	b. Onshore Intrastate Lines constructed before 10/21/85 & in HVL service before 4/23/85, by 4/23/86 .			

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PIPELINE INFORMATION

Boundaries of Unit:

Pipelines and Pumping Stations in Unit:

<i>Designation</i>	<i>Size</i>	<i>Miles</i>	<i>Commodities</i>
Miles of Pipeline:	Protected	Size	Size
Steel Bare			
Steel Coated			
Other			

Breakout Tank Facilities:

Offshore Facilities:

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S - Satisfactory

U - Unsatisfactory

N/A - Not Applicable

N/C - Not Checked

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Subpart F - Operations & Maintenance		S	U	N/A	N/C
§195.401(b)	Has the operator corrected conditions that could adversely affect the safe operation of the pipeline within a reasonable time?				
§195.402(a)	a. Has the operator prepared a manual for normal operations & maintenance activities & handling abnormal operations & emergencies?				
	b. Does the operator review the manual at intervals not exceeding 15 months, but at least each calendar year?				
	c. Are the manuals available, as required?				

Maintenance & Normal Operations		S	U	N/A	N/C
§195.402(c)	Written procedures must be followed to provide safety during maintenance and normal operations. Does the operator have procedures for:				
§195.402(c)(4)	Has the operator determined which pipeline facilities are located in areas that would require an immediate response by the operator to prevent hazards to the public if the facilities failed or malfunctioned?				
§195.402(c)(5)	Analyzing pipeline accidents to determine their causes?				
§195.402(c)(6)	Minimizing the potential for hazards identified under paragraph (c)(4) and minimizing the possibility of recurrence of accidents analyzed under paragraph (c)(5)?				
§195.402(c)(7)	Starting up and shutting down any part of the pipeline system in a manner designed to assure operation within limits prescribed by §195.406, considering the hazardous liquid or carbon dioxide in transportation, variations in the altitude along the pipeline, and pressure monitoring and control devices?				
§195.402(c)(8)	In the case of a pipeline that is not equipped to fail safe monitoring from an attended location pipeline pressure during startup until steady state pressure and flow conditions are reached and during shut-in to assure operation within limits prescribed by §195.406?				
§195.402(c)(9)	In the case of facilities not equipped to fail safe that are identified under §195.402(c)(4) or that control receipt and delivery of hazardous liquid, detecting abnormal operating conditions by monitoring pressure, temperature, flow or other appropriate operational data and transmitting this data to an attended location?				
§195.402(c)(10)	Abandoning pipeline facilities, including safe disconnection from an operating pipeline system, purging of combustibles, and sealing abandoned environmental hazards?				
§195.402(c)(11)	Minimizing the likelihood of accidental ignition of vapors in areas near facilities identified under paragraph (c)(4) of this section where the potential exists for the presence of flammable liquids or gases?				
§195.402(c)(12)	Establishing and maintaining liaison with fire, police, and other appropriate public officials to learn the responsibility and resources of each hazardous liquid pipeline emergency and acquaint the officials with the operator's ability in responding to hazardous liquid pipeline emergency and means of communication?				
§195.402(c)(13)	Periodically reviewing the work done by operator's personnel to determine the effectiveness of the procedures used in normal operation and maintenance and taking corrective action where deficiencies are found?				
§195.402(c)(14)	Taking adequate precautions in excavated trenches to protect personnel from hazards of unsafe accumulations of vapor or gas, making available when needed at the excavation site, emergency rescue equipment, including a breathing apparatus and, a rescue harness and line.				

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Abnormal Operation (Control Center Function)		S	U	N/A	N/C
§195.402(d)	Written procedures must be followed to provide safety when operating design limits have been exceeded. Does the operator have procedures for:				
§195.402(d)(1)	Responding to, investigating, and correcting the cause of:				
	a. Unintended closure of valves?				
	b. Unintended shutdowns?				
	c. An increase or decrease in pressure?				
	d. A flow rate outside normal operating limits?				
	e. Loss of communications?				
	f. The operation of any safety device?				
	g. Any other malfunction of a component?				
	h. Any deviation from normal operation?				
	I. Any personnel error?				
§195.402(d)(2)	Checking variations from normal operation after abnormal operations have ended at sufficient critical locations in the system to determine continued integrity and safe operations?				
§195.402(d)(3)	Correcting variations from normal operation of pressure and flow equipment controls?				
§195.402(d)(4)	Does operating personnel notify responsible operator personnel where notice of an abnormal operation is received?				
§195.402(d)(5)	Periodically reviewing the response of operating personnel to determine the effectiveness of the procedures and taking corrective action where deficiencies are found?				

Emergencies		S	U	N/A	N/C
§195.402(e)	Written procedures must be followed per §195.402(a) to provide safety when an emergency condition occurs. Does the operator have procedures for:				
§195.402(e)(1)	Receiving, identifying, and classifying notices of events which need immediate response by the operator or fire, police, or other, and notifying appropriate operator's personnel for corrective action?				
§195.402(e)(2)	Making a prompt and effective response to a notice of each type of emergency, fire, explosion, accidental release of hazardous liquid, operational failure, natural disaster affecting the pipeline?				
§195.402(e)(3)	Making personnel, equipment, instruments, tools, and materials available at the scene of an emergency?				
§195.402(e)(4)	Taking action; such as emergency shutdown or pressure reduction, to minimize release of liquid at a failure site?				
§195.402(e)(5)	Controlling the release of liquid at the failure site?				
§195.402(e)(6)	Minimizing the public exposure and accidental ignition, evacuation, and halting traffic on roads, railroads, etc.?				
§195.402(e)(7)	Notifying fire, police, and others of hazardous liquid emergencies and preplanned responses including HVLs ?				
§195.402(e)(8)	Determining extent and coverage of vapor cloud and hazardous areas of HVLs by using appropriate instruments?				
§195.492(e)(9)	Post accident review of employees activities to determine if procedures were effective and corrective action was taken?				

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Subpart B - Reporting of Accidents & Safety Related Conditions		S	U	N/A	N/C
§195.402(c)(2)	Does the operator have procedures for gathering data needed for reporting accidents under Subpart B of this part in a timely and effective manner?				
§195.52	Are certain incidents telephonically reported to the National Response Center ?				
§195.54	Are the incidents reported by telephone followed up with a 30-day written report?				
§195.402(f)	Does the operator have procedures for recognizing and discovery of safety-related conditions?				
§195.56	Is there a procedure for reporting safety-related conditions?				
§195.55	If the operator reported a safety-related condition, did they use the proper criteria?				
§195.56(a)	Was the report filed within five (5) working days of the determination and within ten (10) working days after discovery?				
§195.56(b)	Was proper corrective action taken?				

Underwater Inspections of Offshore Pipelines		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.413 ?				
§195.413(a)	Has the operator conducted an underwater inspection of its pipelines in the Gulf of Mexico and its inlets between October 3, 1989 and November 16, 1992 ?				
§195.413(b)	When the operator discovers a pipeline, it operates, is exposed on the seabed or constitutes a hazard to navigation does the operator:				
§195.413(b)(1)	Promptly, within 24 hours , notify the National Response Center of the location of the pipeline?				
§195.413(b)(2)	Promptly, but not later than 7 days after discovery, mark the location of the pipeline in accordance with 33 CFR Part 64 at each end of the pipeline segment and at intervals of not over 500 yards long , except that a pipeline segment less than 200 yards long need only be marked at the center.				
§195.413(b)(3)	Within 6 months after discovery, or not later than November 1 of the following year if the 6 month period is after November 1 of that year the discovery is made, place the pipeline so that the top of the pipe is 36 inches below the seabed for normal excavation or 18 inches for rock excavation.				
§195.57	Has the operator filed a report within 60 days of the inspection as required by §195.413 ?				

Training (Control Center & Field)		S	U	N/A	N/C
§195.403(a)	Each operator shall establish and conduct a written continuing training program to instruct operating and maintenance personnel too:				
§195.403(a)(1)	Carry out the operating and maintenance, and emergency response procedures established under §195.402 .				
§195.403(a)(2)	Know the characteristics and hazards of liquids or carbon dioxide transported, including in the case of HVL , flammability, of mixtures with air, odorless vapors, and water reactions.				
§195.403(a)(3)	Recognize conditions that are likely to cause emergencies; predict the consequences of malfunction or failures and take appropriate actions.				
§195.403(a)(4)	Take steps necessary to control any accidental release of hazardous liquid or carbon dioxide and to minimize the potential for fire, explosion, toxicity, or environmental damage.				
§195.403(a)(5)	Learn the proper use of fire fighting procedures and equipment, fire suits, and breathing apparatus, etc.				
§195.403(a)(6)	Safely repair facilities, special precautions, isolation, purging of HVLs .				
§195.402(f)	Recognize and report safety related conditions.				
§195.403(b)	At intervals not exceeding 15 months, but at least once each calendar year:				
§195.403(b)(1)	Does the operator review with personnel their performance in meeting the objectives of the training program?				

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Training (Control Center & Field) (con't)		S	U	N/A	N/C
§195.403(b)(2)	Does the operator make appropriate changes to the training program?				
§195.403(c)	Does the operator require and verify, its supervisors maintain a thorough knowledge of the procedures they are responsible for?				

Maps and Records		S	U	N/A	N/C
§195.402(a)	Are there procedures for maintaining current maps and records?				
§195.404(a)	Each operator shall maintain current maps and records of its pipeline system that include at least the following information:				
§195.404(a)(1)	Location and identification of the following facilities:				
	I. Breakout tanks				
	ii. Pump stations				
	iii. Scraper and sphere facilities				
	iv. Pipeline valves				
	v. Cathodically protected facilities				
	vi. Facilities to which §195.402(c)(9) applies				
	vii. Rights-of-way				
	viii. Safety devices to which §195.428 applies				
§195.404(a)(2)	All crossings of public roads, railroads, rivers, buried utilities and foreign pipelines.				
§195.404(a)(3)	The maximum operating pressure of each pipeline.				
§195.404(a)(4)	The diameter, grade, type, and nominal wall thickness of all pipe.				
§195.404(b)	Each operator shall maintain for at least 3 years daily operating records for the following:				
§195.404(b)(1)	The discharge pressure at each pump station.				
§195.404(b)(2)	Any emergency or abnormal operation to which the procedures under §195.402 apply.				
§195.404(c)	Each operator shall maintain the following records for the periods specified:				
§195.404(c)(1)	The date, location, and description of each repair made on the pipe and maintain it for the life of the pipe .				
§195.404(c)(2)	The date, location, and description of each repair made to parts of the pipeline system other than the pipe and maintain it for at least 1 year .				
§195.404(c)(3)	Each inspection and test required by Subpart F shall be maintained for at least 2 years, or until the next inspection or test is performed, whichever is longer .				
§195.402(c)(1)	Making construction records, maps, and operating history available as necessary for safe operation and maintenance.				

Maximum Operating Pressure (MOP) - All Systems		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.406?				
§195.406(a)	Except for surge pressures and other variations from normal operations, the MOP may not exceed any of the following:				
§195.406(a)(1)	The internal design pressure of the pipe determined by §195.106.				
§195.406(a)(2)	The design pressure of any other component on the pipeline.				
§195.406(a)(3)	80% of the test pressure (Subpart E).				
§195.406(a)(4)	80% of the factory test pressure or of the prototype test pressure for any individual component.				
§195.406(a)(5)	80% of the highest operating pressure for a minimum of 4 hours for a pipeline that has not been tested under Subpart E .				

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Maximum Operating Pressure (MOP) - All Systems (con't)		S	U	N/A	N/C
§195.406(b)	The pipeline may not be operated at a pressure that exceed 110% of the MOP :				
	a. Has the operating pressure exceeded the MOP by more than 110% ?				
	b. Are adequate controls and protective equipment installed to prevent the pressure from exceeding 110% of the MOP ?				

Communications (Control Center)		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.408 ?				
§195.408	Does the operator have a SCADA system?				
§195.408(a)	Does the operator have a communication system to provide for the transmission of information needed for the safe operation of its pipeline system?				
§195.408(b)	Does the communication system required by paragraph (a) include means for:				
§195.408(b)(1)	Monitoring operational data as required by §195.402(c)(9) .				
§195.408(b)(2)	Receiving notices from operator personnel, the public, and others about abnormal or emergency conditions and initiating corrective actions.				
§195.408(b)(3)	Conducting two-way vocal communication between a control center and the scene of abnormal operations and emergencies.				
§195.408(b)(4)	Providing communication with fire, police, and other appropriate public officials during emergency conditions, including a natural disaster.				

Line Markers		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.410 ?				
§195.410(a)	Each operator shall place and maintain line markers over each buried pipeline in accordance with the following:				
§195.410(a)(1)	Are line markers placed at each public road crossing, railroad crossing, and sufficient number along the remainder of each buried line so that its location is accurately known?				
§195.410(a)(2)	Do the line markers have the correct characteristics and information?				
§195.410(b)	Line markers are not required for buried pipelines located:				
§195.410(b)(1)	Offshore or at crossings of or under waterways and other bodies of water.				
§195.410(b)(2)	In heavily developed urban areas such as downtown business centers where (1) placement is impracticable and (2) the local government maintains current substructure records.				
§195.410(c)	Are line markers placed where pipelines are aboveground in areas that are accessible to the public?				

Inspection of Rights-of-Way & Crossings Under Navigable Waters		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.412 ?				
§195.412(a)	Does the operator inspect the right-of-way at intervals not exceeding 3 weeks , but at least 26 times each calendar year ?				
	Does the operator follow-up on problems noted by the patrol?				
§195.412(b)	Does the operator inspect each crossing under a navigable waterway to determine the crossing condition at intervals not exceeding 5 years ?				
§195.402(a)	Are there procedures for §195.413 ?				

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Cathodic Protection (All Systems)		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.414?				
§195.414	Is cathodic protection provided for:				
§195.414(a)	All effectively coated lines (except tanks and pump stations), unless required by §195.414(c)?				
§195.414(b)	All bare and poorly coated lines where active corrosion has been found?				
§195.414(c)	All breakout tank areas and pump station piping where found to be necessary?				
§195.414(b)	Have electrical surveys been performed to evaluate unprotected bare pipe for areas of active corrosion? (Interstate by 4/1/75, Intrastate by 10/20/88, and Low Stress by 7/12/96)				
§195.414(b)	The operating pressure of bare pipe that has not been electrically inspected may not be increased.				
§195.414(c)	Have electrical surveys been performed to evaluate coated and bare unprotected breakout tank areas and pump station piping for the need of cathodic protection? (Interstate by 4/1/73 and Intrastate by 10/20/88)				

External Corrosion Control		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.416?				
§195.416(a)	Does the operator conduct tests on each underground facility under cathodic protection to determine whether the protection is adequate at intervals not exceeding 15 months , but at least once each calendar year?				
	Does the operator conduct sufficient tests in breakout tanks to determine the adequacy of cathodic protection at intervals not exceeding 15 months , but at least once each calendar year?				
	Are casing potentials monitored to detect the presence of shorts at intervals not exceeding 15 months , but at least once each calendar year?				
	Does the operator have a procedure for investigating conditions that indicate a casing may be shorted (potential nearly equivalent or less than 100 mv difference).				
	Does the shorted casing procedure require or has the operator made:				
	a. Determination of a course of action to correct or negate the effects of the shorts within 6 months of discovery.				
	b. Verification that a short exists.				
	c. Clearing of the short, if practicable. (This must be considered before alternative measures may be used)				
	d. Filling the casing/pipe annular space with high-dielectric casing filler or other material, which provides a corrosion inhibiting environment, if it is impractical to clear the short.				
	e. If (c) and (d) are determined to be impractical, does the operator monitor the casing with leak detection equipment for leakage at intervals not exceeding 7½ months , but at least twice each calendar year.				
	f. If a leak is found by monitoring the casing with leak detection equipment, the operator must take immediate corrective action to eliminate the leak and further corrosion.				
	g. In lieu of other corrective actions, monitoring the condition of the carrier pipe using an internal inspection device at specified intervals.				
§195.401(b)	Does the operator investigate and take appropriate action when indications of short casings are found?				
§195.416(b)	Does the operator maintain the test leads required for cathodic protection?				
§195.416(c)	Does the operator conduct inspections on each cathodic protection rectifier at intervals not exceeding 2½ months , but at least six times each calendar year?				
§195.401(b)	Was remedial action taken within a reasonable time to correct deficiencies indicated by the <u>monitoring of the cathodic protection system</u> ?				

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External Corrosion Control (con't)		S	U	N/A	N/C
§195.416(d)	Does the operator conduct electrical inspection of the bare pipe that is not cathodically protected and study leak records to determine if additional protection is needed at intervals not exceeding 5 years ?				
§195.416(e)	Whenever any buried pipe is exposed for any reason, does the operator examine it for evidence of external corrosion?				
	Does the operator investigate further to determine the extent of the corrosion, if found?				
	Is adjacent pipe exposed and examined?				
§195.416(f)	If the operator finds generally corroded pipe, is the pipe replaced, repaired, or pressure reduced?				
	Is the Battelle Formula used to determine allowable pressure?				
§195.416(g)	If the operator finds corroded pipe with isolated pitting, is pipe replaced, repaired, or pressure reduced?				
§195.416(h)	Is the strength of the pipe, based on actual remaining wall thickness, for paragraphs (f) and (g), derived using the appropriate method?				
§195.416(i)	Does the operator clean and coat pipe exposed to the atmosphere with material suitable for the prevention of atmospheric corrosion?				

Internal Corrosion Control		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.418?				
§195.418(a)	Has the operator investigated the corrosive effect of the hazardous liquid or carbon dioxide and has he taken adequate steps to mitigate corrosion?				
§195.418(b)	If corrosion inhibitors are used to mitigate internal corrosion; coupons must be used to determine their effectiveness.				
	Does the operator examine coupons or other methods to determine the effectiveness of the inhibitors at intervals not exceeding 7½ months , but at least twice each calendar year?				
§195.418(d)	Whenever any pipe is removed from the pipeline for any reason, does the operator inspect the internal surface for evidence of corrosion?				
	Does the operator investigate adjacent pipe to determine the extent of the corrosion?				
	If the operator finds pipe internally corroded beyond the wall thickness tolerances of the pipe specification, is the pipe replaced or the pressure reduced? (REPAIR is not an option)				
	Is the Battelle Formula , or other, used to determine allowable pressure? (Use of the formula is recommended for electrolytic and galvanic corrosion, chemical attack is not mentioned.)				

Valve Maintenance		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.420?				
§195.420(a)	Does the operator maintain each mainline valve that is necessary for the safe operation of its pipeline system in good working order at all times?				
§195.420(b)	Does the operator inspect each mainline valve to determine that it is functioning properly at intervals not exceeding 7½ months , but at least twice each calendar year?				
§195.420(c)	Does the operator provide protection for each valve from unauthorized operation and from vandalism?				

Pipeline Repairs		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.422?				
§195.422	Does the operator, in repairing its pipeline systems, insure that the repairs are made in a safe manner and are made so as to prevent damage to persons and property?				

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Pipe Movement		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.424?				
§195.424(a)	When moving any pipeline, does the operator reduce the pressure for the line segment involved to 50% of the MOP .				
§195.424(b)	For HVL lines joined by welding, does the operator:				
§195.424(b)(1)	Move the line when it does not contain HVL , unless impractical.				
§195.424(b)(2)	Have procedures under §195.402 containing precautions to protect the public.				
§195.424(b)(3)	Reduce the pressure for the line segment involved to 50% of the MOP or the lowest practical level that will maintain the HVL in a liquid state. (Minimum = V.P. + 50 psig)				
§195.424(c)	For HVL lines not joined by welding, does the operator:				
§195.424(c)(1)	Move the line when it does not contain HVL , unless impractical.				
§195.424(c)(2)	Have procedures under §195.402 containing precautions to protect the public.				
§195.424(c)(3)	Isolate the line to prevent flow of the HVL .				

Scraper and Sphere Facilities		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.426?				
§195.426	Does the operator, have a relief device capable of safely relieving the pressure in the barrel before insertion or removal of scrapers or spheres?				
	Does the operator have a suitable device to indicate that pressure has been relieved, or a means to prevent insertion?				

Overpressure Safety Devices		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.428?				
§195.428(a)	Does the operator inspect and test each pressure limiting device, relief valve, pressure regulator, or other items of pressure control equipment to determine that it is functioning properly, in good mechanical condition, has adequate capacity, and is reliable?				
	Does the operator inspect and test overpressure safety devices at the following intervals:				
	1. Non-HVL pipelines at intervals not to exceed 15 months , but at least once each calendar year.				
	2. HVL pipelines at intervals not to exceed 7½ months , but at least twice each calendar year.				
§195.428(b)	Does the operator inspect and test relief valves on breakout tanks at intervals not exceeding 5 years ?				
§195.428(c)	Aboveground breakout tanks that are constructed or significantly altered according to API Standard 2510 after October 2, 2000, must have an overfill protection system installed according to the appropriate API.				
§195.428(d)	After October 2, 2000, the requirements of paragraphs (a) and (b) of this section for inspection and testing of pressure control equipment apply to the inspection and testing of overfill protection systems.				

Firefighting Equipment		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.430?				
§195.430	Does the operator maintain adequate firefighting equipment at each pump station and breakout tank areas?				

Firefighting Equipment (Cont.)		S	U	N/A	N/C
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§195.430	The equipment must be:				
	a.. In proper operating condition at all times.				
	b. Plainly marked so that its identity as firefighting equipment is clear.				
	c. Located so that it is easily accessible during a fire.				

Breakout Tanks		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.432 ?				
§195.432(a)	Does the operator inspect each breakout tank (atmospheric and pressured) at intervals not exceeding 15 months , but at least once each calendar year?				
§195.432(b)	Each operator shall inspect the physical integrity of in-service atmospheric and low-pressure steel aboveground breakout tanks				
§195.432(c)	Each operator shall inspect the physical integrity of in-service steel aboveground breakout tanks built to API Standard 2510 according to section 6 of API 510.				
§195.432(d)	The intervals of inspection specified by documents referenced in paragraphs (b) and (c) of this section begin on May 3, 1999, or on the operator's last recorded date of the inspection, whichever is earlier.				

Tank Inspection Survey		S	U	N/A	N/C
	Does the operator periodically perform an internal visual inspection of each tank bottom?				
	Do internal inspections of tank bottoms include cleaning by sand blasting?				
	Does the operator have an established criteria to determine when repair and/or replacement of the tank bottoms are required?				
	Does the operator periodically ultrasonic test (U.T.) the tanks bottoms?				
	Does the operator monitor the cathodic protection on the tank bottoms by:				
	1. Buried reference half-cell under the center of the tanks?				
	2. Other configurations of buried half-cells under the tanks?				
	3. The conduit method of inserting half-cells beneath the tanks?				
	4. Taking potentials around the periphery of the tanks at least at each quadrant?				

Signs		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.434 ?				
§195.434	Does the operator maintain signs visible to the public around each pumping station and breakout tank area?				
	Do the signs contain the name of the operator and an emergency telephone number?				

Security of Facilities		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.436 ?				
§195.436	Does the operator provide protection for each pumping station and breakout tank area and other exposed facilities from vandalism and unauthorized entry?				

Smoking or Open Flames		S	U	N/A	N/C
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EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

S - Satisfactory

U - Unsatisfactory

N/A - Not Applicable

N/C - Not Checked

§195.402(a)	Are there procedures for §195.438 ?				
§195.438	Does the operator prohibit smoking and open flames in each pump station and breakout tank area where there is the possibility of the presence of hazardous liquids or flammable vapors?				

CPM/Leak Detection		S	U	N/A	N/C
§195.444	Does the operator's procedures for the Computational Pipeline Monitoring (CPM) leak detection system comply with API 1130 in operating, maintaining, testing, record keeping, and dispatching training?				

Conversion to Service		S	U	N/A	N/C
§195.5(a)	<p>A steel pipeline previously used in service not subject to this part qualifies for use under this part if the operator prepares and follows a written procedure to accomplish the following:</p> <p>(1) The design, construction, operation, and maintenance history of the pipeline must be reviewed and, where sufficient historical records are not available, appropriate tests must be performed to determine if the pipeline is in satisfactory condition for safe operation. If one or more of the variables necessary to verify the design pressure under §195.106 or to perform the testing under paragraph (a) (4) of this section is unknown, the design pressure may be verified and the maximum operating pressure determine by-</p> <p>(i) Testing the pipeline in accordance with ASME B31.8, Appendix N, to produce a stress equal to the yield strength; and</p> <p>(ii) Applying, to not more than 80 percent of the first pressure that produces a yielding, the design factor F in §195.106(a) and the appropriate factors in §195.106(e).</p> <p>(2) The pipeline right-of-way, all aboveground segments of the pipeline, and appropriately selected underground segments must be visually inspected for physical defects and operating conditions which reasonably could be expected to impair the strength or tightness of the pipeline.</p> <p>(3) All known unsafe defects and conditions must be corrected in accordance with this part.</p> <p>(4) The pipeline must be tested in accordance with the subpart E of this part to substantiate the maximum operating pressure permitted by §195.406.</p>				
§195.5(b)	A pipeline which qualifies for use under this section need not comply with the corrosion control requirements of this part until 12 months after it is placed in service, notwithstanding any earlier deadlines for compliance. In addition to the requirements of Subpart F of this part, the corrosion control requirements of Subpart D apply to each pipeline which substantially meets those requirements before it is placed in service or which is a segment that is replaced, relocated, or substantially altered.				
§195.5(c)	Each operator must keep for the life of the pipeline a record of the investigations, tests, repairs, replacements, and alterations made under the requirements of paragraph (a) of this section.				

Public Education		S	U	N/A	N/C
§195.402(a)	Are there procedures for §195.440 ?				
§195.440	Has the operator established a continuing educational program to enable the public, government, persons engaged in excavation to recognize a hazardous liquid or carbon dioxide pipeline emergency and report it to the operator, fire, police, and others?				
	Is the program conducted in English and other languages where appropriate?				

Damage Prevention Program		S	U	N/A	N/C
§195.442(a)	Does the operator have a written program in place to prevent damage by excavation activities applicable to the operator's pipelines?				

EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

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§195.442(b)	Does the operator participate in a qualified One-Call program?				
§195.442(c)(1)	Include the identity, on current basis, of persons who normally engage in excavation activities in the area in which the pipeline is located.				
§195.442(c)(2)	Provide for notification to the public in the vicinity of the pipeline and actual notification to the persons identified in paragraph (b)(1) of this section of the following, as often as needed to make them aware of the damage prevention program:				
	i. The program's existence and purpose.				
	ii. How to learn the location of underground pipelines before excavation activities are begun.				
§195.442(c)(3)	Provide a means of receiving and recording notification of planned excavation activities.				
§195.442(c)(4)	If the operator has buried pipelines in the area of excavation activity, provide for actual notification of persons who give notice of their intent to excavate of the type of temporary marking to be provided and how to identify the markings.				
§195.442(c)(5)	Provide for temporary marking of buried pipelines in the area of excavation activity before, as far as practical, the activity begins.				
§195.442(c)(6)	Provide as follows for inspection of pipelines that an operator has reason to believe could be damaged by excavation activities:				
	i. The inspection must be done as frequency as necessary during and after the activities to verify the integrity of the pipeline.				
	ii. In the case of blasting, any inspection must include leakage surveys.				

Subpart C - Passage of Internal Inspection Devices		S	U	N/A	N/C
§195.120(a)	Has each new pipeline or each section of a pipeline which pipe or components has been replaced must be designed and constructed to accommodate the passage of instrumented internal inspection devices that are applicable to this section?				

Subpart E - Pressure Testing		S	U	N/A	N/C
§195.302(a)	Does the operator hydrostatically test each new pipeline system and each pipeline system in which pipe has been relocated or replaced, or that part of a pipeline system that has been relocated or replaced?				
§195.302(b)	Have all lines been tested or are scheduled to be tested if the MOP has not been established by §195.406(a)(5) per the requirements of this section?				
§195.303	Does the operator test its pipelines to the correct pressures and for the correct duration?				
§195.304	The test pressure for each pressure test conducted under this subpart must be maintained throughout the part of the system being tested at least 4 continuous hours at a pressure equal to 125 percent, or more, of the maximum operating pressure.				
§195.305(a)	Does the operator, hydrostatically test under §195.302 all pipe, all attached fittings, including components?				
§195.305(b)	A component, other than pipe, that is the only item being replaced or added to the pipeline system need not be hydrostatically tested under paragraph (a) of this section if the manufacturer certifies that either: (1) The component was hydrostatically tested at the factory; or (2) The component was manufactured under a quality control system that ensures each component is at least equal in strength to a prototype that was hydrostatically tested at the factory.				
§195.306	Is water used for the test medium?				

EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

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U - Unsatisfactory

N/A - Not Applicable

N/C - Not Checked

Subpart E - Pressure Testing (Cont.)		S	U	N/A	N/C
§195.308	Does the operator pressure test pipe associated with tie-ins as one segment or tested separately?				
§195.310(a)	Does the operator maintain a record of each pressure test required by this Subpart?				
§195.310(b)	Does the record required by paragraph (a) of this section include:				
§195.310(b)(1)	Pressure recording charts.				
§195.310(b)(2)	Test instrument calibration data.				
§195.310(b)(3)	Name of the operator, person responsible, test company used, if any.				
§195.310(b)(4)	Date and time of the test.				
§195.310(b)(5)	Minimum test pressure.				
§195.310(b)(6)	Test medium.				
§195.310(b)(7)	Description of the facility tested and the test apparatus.				
§195.310(b)(8)	Explanation of any pressure discontinuities, including test failures, that appear on the pressure recording charts.				
§195.310(b)(9)	Where elevation differences in the test section exceed 100 feet , a profile of the elevation over entire length of the test section must be included.				

Subpart D - Welding		S	U	N/A	N/C
Compliance with welding requirements for pipe replaced or repaired in the course of pipeline maintenance is require by §195.422, as well as §195.200.					
§195.214(a)	Is the welding performed in accordance with welding procedures qualified to produce welds meeting the requirements of this Subpart?				
	Has the quality of the test welds to qualify the procedures been determined by destructive testing?				
§195.214(b)	Is each welding procedure recorded in detail?				
	Are welding procedures qualified in accordance with a standard that is accepted by the industry? (API 1104, ASME Boiler & Pressure Code - Section IX, or other)				
	Are detailed results of the procedure qualification tests , recorded and retained?				
§195.222	Is welding performed by welders, who have been qualified in accordance with Section 3 of the API Standard 1104 (18th Ed., 1994) or Section IX of the ASME Boiler and Pressure Vessel Code (1995) , except that a welder qualified under an earlier edition than listed in §195.3 may weld, but may not requalify under that earlier edition?				
Alert Notice 3/13/88	In the welding of repair sleeves and fittings, does the operator's procedures give consideration to:				
	1. The use of low hydrogen welding rods.				
	2. Cooling rate of the weld.				
	3. Metallurgy of the materials being welded (weldability carbon equivalent).				
	4. Proper support of the pipe in the ditch.				

Welding: Arc Burns		S	U	N/A	N/C
§195.226(a)	Does the operator require the repair (within pipe and (b) specification thickness tolerances) or replacement of arc burns?				
§195.226(b)	Does the operator require verification of the removal of the metallurgical notch by nondestructive testing? (Ammonium Persulfate)				
§195.226(c)	When pipe is being welded, is the ground wire attached to the pipe by other means than welding?				

EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

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N/C - Not Checked

Welds: Acceptability - Nondestructive Testing		S	U	N/A	N/C
§195.228	Does the operator nondestructively test welds to insure their acceptability according to Section 6 of API 1104 (18th) and per the requirements of §195.234 in regard to the number of welds to be tested?				
§195.234(b)	Is nondestructive testing of welds performed:				
	1. In accordance with written procedures for NDT.				
	2. By qualified personnel.				
	3. By a process that will indicate any defects that may affect the integrity of the weld.				
§195.266	Does the operator maintain records of the total number of girth welds and the number nondestructively tested, including the number rejected and the disposition of each rejected weld?				

Welds: Repair or Removal of Defects		S	U	N/A	N/C
§195.230	Does the operator remove and/or repair welds that are unacceptable in accordance with the requirements of §195.230 ?				

FIELD REVIEW FOR LIQUID PIPELINES

PART 195 - FIELD REVIEW		S	U	N/A	N/C
§195.262	Pumping Stations				
§195.262	Station Safety Devices				
§195.308	Pre-pressure Testing Pipe - Marking and Inventory				
§195.403	Knowledge of Operating Personnel				
§195.410	Right-of-Way Markers				
§195.412	River Crossings				
§195.414	Cathodic Protection				
§195.416	Pipeline Components Exposed to the Atmosphere				
§195.416	Rectifiers				
§195.420	Valve Maintenance				
§195.420	Valve Protection from Unauthorized Operation and Vandalism				
§195.426	Scraper and Sphere Facilities and Launchers				
§195.428	Pressure Limiting Devices				
§195.428	Relief Valves - Location - Pressure Settings - Maintenance				
§195.428	Pressure Controllers				
§195.430	Fire Fighting Equipment				
§195.432	Breakout Tanks				
§195.434	Signs - Pumping Stations - Breakout Tanks				
§195.436	Security - Pumping Stations - Breakout Tanks				
§195.438	No Smoking Signs				

EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

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N/A - Not Applicable

N/C - Not Checked

RECORDS REVIEW FOR LIQUID PIPELINES

Operator's Name: _____ **Inspection Unit:** _____

Location: _____

Inspector's Name: _____ **Date:** _____

PART 195 - RECORDS REVIEW		S	U	N/A	N/C
§195.5	Conversion to Service				
§195.5(a)(1)	Testing to Verify MOP (ASME<Appendix N)				
§195.5(a)(2)	Inspection of Pipeline Right-of-Way				
§195.5(c)	Pipeline Records (Life of System)				
	Pipeline Investigations				
	Pipeline Testing				
	Pipeline Repairs				
	Pipeline Replacements				
	Pipeline Alterations				
§195.52	Telephonic Reports to NRC (800-424-8802)				
§195.54(a)	Written Accident Reports (DOT Form 7000-1)				
§195.54 (b)	Supplemental Accident Reports (DOT Form 7000-1)				
§195.56	Safety Related Conditions				
§195.57	Offshore Pipeline Condition Reports				
§195.204	Construction Inspector Training/Qualification				
§195.214(a)	Interference Bonds				
§195.214(b)	Test Results to Qualify Welding Procedures				
§195.222	Welder Qualification				
§195.234(b)	Nondestructive Technician Qualification				
§195.242	Cathodic Protection				
§195.244	Test Leads				
§195.262(c)	Testing of Safety Devices at Pump Stations prior to Service				
§195.266	Construction Records				
§195.266(a)	Total Number of Girth Welds				
	Number of Welds Inspected by NDT				
	Number of Welds Rejected				
	Disposition of each Weld Rejected				
§195.266(b)	Amount, Location, Cover of each Size of Pipe Installed				
§195.266(c)	Location of each Crossing with another Pipeline				
§195.266(d)	Location of each buried Utility Crossing				

EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

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N/A - Not Applicable

N/C - Not Checked

PART 195 - RECORDS REVIEW (Cont.)		S	U	N/A	N/C
§195.266(e)	Location of Overhead Crossings				
§195.266(f)	Location of each Valve and Test Station				
§195.302/310	Record of each Pipeline Test				
§195.304(b)	Manufacturer Testing of Components				
§195.308	Tests on Pre-tested Pipe				
§195.402(c)(4)	Determination of Areas requiring immediate response for Failures or Malfunctions				
§195.402(c)(10)	Abandonment of Facilities				
§195.402(c)(12)	Establishment/Maintaining liaison with Fire, Police, and other Emergency Agencies				
§195.402(c)(13)	Review of work Performed by Personnel				
§195.402(d)(1)	Response to Abnormal Pipeline Operations				
§195.402(d)(5)	Review of Personnel Response to Abnormal Operations				
§195.402(e)(1)	Notices of Emergencies				
§195.402(e)(7)	Notifications to Fire, Police, and other Public Officials of an Emergency				
§195.402(e)(9)	Post Accident Reviews				
§195.403(a)	Employee Training				
§195.403(b)	Annual Review of Personnel Performance				
§195.403(c)	Verification of Supervisor Knowledge				
§195.404(a)(1)	Maps or Records of Pipeline System				
§195.404(a)(2)	Maps/Records of Crossings of Roads, Railroads, Rivers, Utilities and Pipelines				
§195.404(a)(3)	MOP of each Pipeline				
§195.404(a)(4)	Pipeline Specifications				
§195.404(b)(1)	Pump Station Daily Discharge Pressure				
§195.404(b)(2)	Abnormal Operations (§195.402)				
§195.404(c)(1)	Pipe Repairs				
§195.404(c)(2)	Repairs to Parts of the System other than Pipe				
§195.406(a)	Establishing the MOP				
§195.412(a)	Inspection of the ROW				
§195.412(b)	Inspection of Underwater Crossings of Navigable Waterways				
§195.413	Inspection of Pipelines in Gulf of Mexico				
§195.414(b)	Inspection of Bare Pipelines				
§195.416(a)	External Corrosion Control				
§195.416(c)	Inspection of Rectifiers				
§195.416(d)	Inspection of Unprotected Pipeline Facilities				
§195.416(e)	Inspection of Exposed Pipelines (External Corrosion)				
§195.418(a)	Corrosive Liquid being Transported				
§195.418(c)	Examination of Coupons/Other Types of Internal Corrosion Monitoring Equipment				
§195.418(d)	Inspection of Removed Pipe for Internal Corrosion				
§195.420(a)	Inspection of Valves necessary for Safe Operation				

EVALUATION REPORT OF A LIQUID PIPELINE CARRIER

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U - Unsatisfactory

N/A - Not Applicable

N/C - Not Checked

PART 195 - RECORDS REVIEW (Cont.)		S	U	N/A	N/C
§195.420(b)	Inspection of Mainline Valves				
§195.422	Pipeline Repair Records				
§195.428(a)	Inspection of Overpressure Safety Devices				
§195.428(b)	Inspection of Relief Devices on HVL Tanks				
§195.430	Inspection of Fire Fighting Equipment				
§195.432	Inspection of Breakout Tanks				
§195.440	Record of Continuing Educational Program				
§195.442(b)(2)	List of Current Excavators				
§195.442(b)(2)	Record of Notification of Public/Excavators				
§195.442(b)(3)	Record of Notifications				